

WEEK | ISSUED

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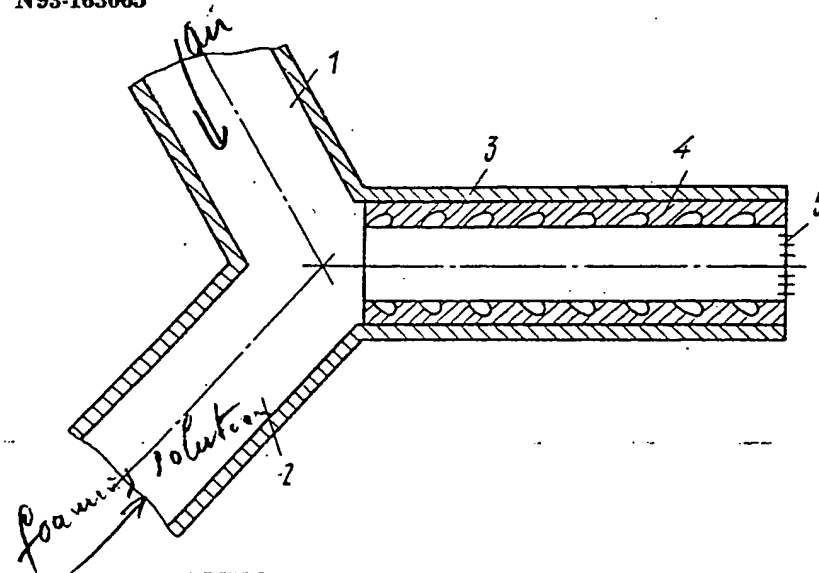
P.D. 30-06-1992	1
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★ KURI/ P64 93-212108/26 ★ SU 1743887-A1  
 Prodn. of foam for building slurries - involves mixing foaming  
 solution and air in sleeve with vortex-generating cavities  
 KURILOV V V 89.12.29 89SU-4783935  
 (92.06.30) B28C 5/38

Compressed air and foaming solution are fed into a vortex-  
 generating sleeve (4) to create a high quality foam. The foam is  
 discharged into a mixer (3). A compressed air feed pipe (1) and a  
 foaming solution feed pipe (2) are set symmetrically about the axis  
 of the mixing chamber.

The latter incorporates the sleeve with a series of open drop-  
 shaped cavities which create turbulent flow conditions and intense  
 mixing of the air and the solution. The vol. of the cavities increases  
 or decreases along the length of the sleeve. The outlet end of the  
 mixing chamber incorporates a grid (5).

ADVANTAGE - Improved quality of foam. (3pp Dwg.No.1/2)  
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